

QUARTERLY SUMMARY: Infant Death and Birth Indicators

INTRODUCTION

Infant mortality- or the death of a baby before his/her first birthday- is a critical indicator of community health. Every year in Franklin County, approximately 150 babies die before their first birthdays. While national infant mortality rates are decreasing, in 2014, Ohio ranked 12th worst in the nation for overall infant mortality. Additionally, Black babies in Ohio are dying at over twice the rate of White babies. In Columbus and Franklin County, much of this disparity is driven by babies being born too soon and too small, as well as babies being placed to sleep on an unsafe

sleep space. This quarterly report provides a detailed and historical picture of the most up-to-date data on infant death and selected birth indicators, in order to 1) provide timely information to individuals and organizations, 2) guide collaborations and interventions, and 3) measure progress. Some numbers are not finalized.

Data notes, definitions, and information for additional correspondences can be found in <u>Appendix A</u>. Additional charts and tables can be found in <u>Appendix B</u>.

QUARTERLY HIGHLIGHTS

- During the 4th quarter of 2017, the infant mortality rate (IMR) decreased compared to last quarter and was above the Healthy People 2020 (HP2020) goal of ≤6.0 per 1,000 live births.
- Compared to last quarter, the percentage of non-Hispanic Black (NHB) Infant Deaths increased and is higher than the goal of ≤27%. The NHB and non-Hispanic White (NHW) infant mortality rate ratio increased in the 4th quarter and was above the goal of less than or equal to 1.94.
- The overall percentage of pre-term births (PTB) was stable compared to last quarter, and was above the March of Dimes 2020 (MoD2020) goal of ≤8.1%. The overall percentage of low birth weight (LBW) births in the 4th quarter increased compared to last quarter and is above the HP2020 goal of ≤7.8%.

DASHBOARD (Click here to view larger dashboard)

Indicators	Current Quarter	Current Quarter's Value	% Change Chart from Last Quarter (-) (+)	# Quarters	Quarterly Goal	Achieved Quarterly Goal	YTD [†] Value	Yearly Goal	YTD [†] vs. Goal Chart
Infant Deaths									0
Infant Mortality Rate	4	7.3 per 1,000 live births	-22%	1 ▼	≤6 ¹	×	8.3	≤6 ¹	Better HP ² goal Worse
Infant Death Number	4	35	-26%	1 ▼	≤27.5 ¹	×	156	≤110 ¹	Lower G1, Q2, & Q3 Yearly Higher goal
NHB to NHW Infant Mortality Rate Disparity Ratio	4	3.2	27%	1 🛦	≤1.94*	×	3.0	≤1.94*	Lower Similar to 1990- 94 baseline Higher
NHB Percentage of Infant Deaths	4	60.0%	23%	1 🛦	≤27%**	×	54.5%	≤27%**	Lower Similar to NHB Higher Birth Percentage
Sleep-Related Infant Mortality Rate	4	1.05 per 1,000 live births	>10	0% 1 ▲	≤0.84 ¹	×	0.69	≤0.84 ¹	Lower HP ^I goal Higher
Births									0
Preterm Birth Percentage	4	10.6% of births	-1%	3 ●	≤8.1% ²	×	10.6%	≤8.1% ²	
Low Birth Weight Percentage	4	9.3% of births	9%	1 🛦	≤7.8% ¹	×	9.1%	≤7.8% ¹	Better HP Worse

¹Healthy People (HP) 2020 goal. Death number goal(s) based on 6.0 infant deaths per 1,000 live births applied to the average births in Franklin County from 2009-13.

²In 2015, the March of Dimes (MoD) set a goal of lowering the national preterm birth rate to 8.1 percent of all births by 2020.

^{*1990-1994} Infant Mortality Rate Disparity Ratio.

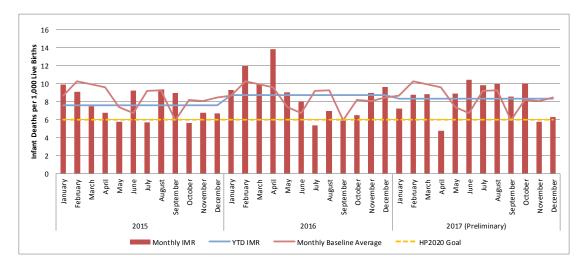
^{**}Based on the average percentage of Non-Hispanic Black births in Franklin County from 2009-2013.

Year-to-date up through the end of the quarter

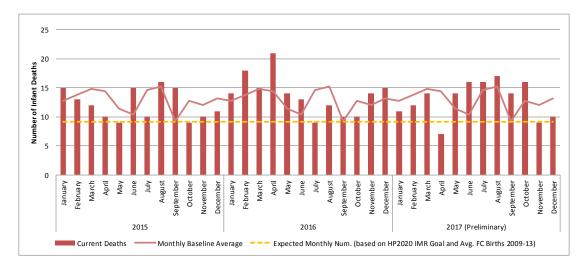
INFANT DEATH INDICATORS

During the 4^{th} quarter of 2017, two of three monthly IMRs were above the Healthy People 2020 (HP2020) goal of \leq 6.0 infant deaths per 1,000 live births. For the entire 4^{th} quarter, the IMR of 7.3 was above the HP2020 goal of \leq 6.0. All three 3^{rd} quarter monthly IMRs were higher among NHBs compared to NHWs.

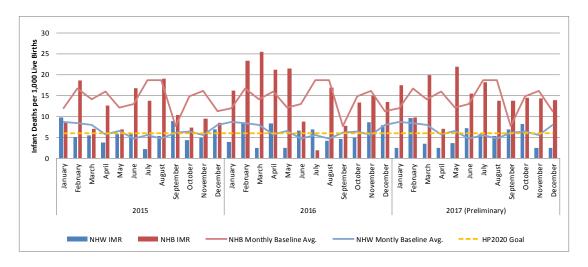
Infant Mortality Rate by Month and Year



Infant Death Number by Month and Year



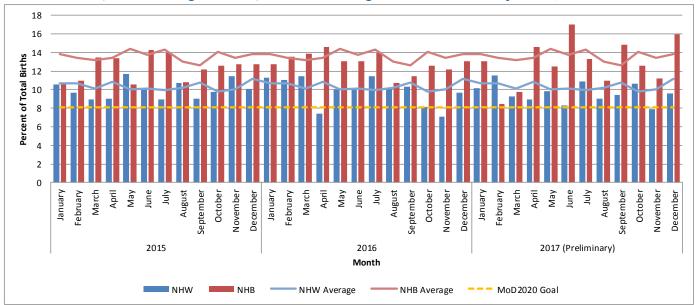
Infant Mortality Rate by Race, Month, and Year



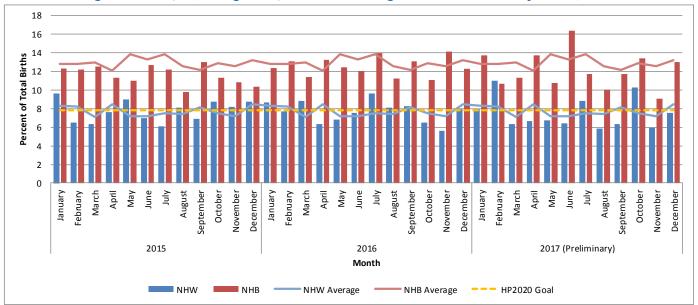
BIRTH INDICATORS

The preterm birth (PTB) rate for non-Hispanic Blacks (NHB) in Franklin County is typically higher than that for non-Hispanic Whites (NHW), as well as typically higher than the March of Dimes 2020 (MoD2020) goal (\leq 8.1%). During the 4th quarter of 2017, all the monthly NHB PTB rates were higher than their corresponding monthly NHW PTB rates. For the entire 4th quarter of 2017, the NHB PTB rate (13.3%) was about 1.4 times higher than the NHW PTB rate (9.4%). Similarly, the low birth weight (LBW) rate for non-Hispanic Blacks in Franklin County is usually higher than that for non-Hispanic Whites, as well as the HP2020 goal of \leq 7.8%. During the 4th quarter of 2017, all the monthly NHB LBW rates were higher than their corresponding monthly NHW LBW rates. For the entire 4th quarter of 2017, Franklin County's NHB LBW rate (11.8%) is about 1.5 times higher than the NHW LBW rate (8.0%).

Preterm Births (<37 weeks gestation) as a Percentage of Total Births by Race, Month and Year



Low Birth Weight Births (<2,500 grams) as a Percentage of Total Births by Race, Month and Year



APPENDIX A: Definitions and Data Notes

Comparison Chart: The comparison chart features a single, primary measure (for example, current year-to-date infant mortality rate), and compares that measure to one or more other measures to enrich its meaning (for example, compared to a target/goal rate or baseline value), and displays it in the context of ranges of performance, such as higher, lower, or similar.

How to read the comparison charts in the dashboard (measure based on indicator row's unit):



Data Sources

Birth Indicators: Preterm birth and low birth weight birth information are obtained from birth certificate data. Columbus Public Health downloads files from the Ohio Department of Health Secure Data Warehouse. All files except those for 2017 are finalized, with information for the past three months being the least stable. Analysis is completed by the Office of Epidemiology, Population Health Division at Columbus Public Health.

Cause of Infant Death: Sleep-related infant death information is provided by the Franklin County Child Fatality Review program.

Infant Mortality: Infant mortality information is obtained from death certificate data provided by the Ohio Department of Health, Office of Vital Statistics. All data except those 2017 are finalized, with information for the past three months being the least stable. Analysis is completed by the Office of Epidemiology, Population Health Division at Columbus Public Health.

Disparity Ratio (Health Disparity Ratio): A measure of health disparity, it examines the rate of one group relative to the rate of the comparison or reference group. The ratio is calculated by dividing the rate for the group of interest (typically minority groups) by the rate for the reference group (typically non-Hispanic Whites). If the ratio is greater than one, the existence of a specified condition or indicator is more common for the group of interest compared to the reference group. If the ratio is less than one, the existence of a specified condition or indicator is less common for the group of interest compared to the reference group.

Disparity Ratio0.9 - 1.11.2 - 1.9 OR 0.8 - 0.62.0 or higher OR 0.5 or lowerDisparity AssessmentLittle or no disparityDisparity existsLarge disparity exists

Healthy People 2020 (HP2020) Goals: Science-based, 10-year national objectives for improving the health of all Americans, covering multiple topics, including maternal, infant, and child health.

Historical Average: Historical averages are calculated by month, using data from years 2009 through 2013.

Low Birth Weight Birth: A low birth weight birth is a birth to a baby who weighs less than 2,500 grams.

March of Dimes 2020 (MoD2020) Goal: In 2015, the March of Dimes (MOD) set a goal of lowering the national preterm birth to 8.1 percent of all births by 2020.

Preterm Birth: A preterm birth is a birth to a baby who is younger than 37 weeks of gestation.

Race and Ethnicity Categories

NHW = Non-Hispanic ethnicity with White race

NHB = Non-Hispanic ethnicity with Black or African American race

Hispanic = Hispanic ethnicity despite race category

Other/Unknown = Non-Hispanic ethnicity with American Indian, Asian, or Native Hawaiian/Pacific Islander race; unknown ethnicity and/or race

Sleep-Related Infant Deaths: Infants who died unexpectedly in their sleep.

QUESTIONS AND COMMENTS

Please forward questions and comments to Kathy Cowen, MS, Director, Office of Epidemiology, Columbus Public Health via phone: (614) 645-6252, or e-mail: kathyc@columbus.gov.

APPENDIX B: Additional Charts and Tables

QUARTERLY DASHBOARD

Indicators	Current Quarter	Current Quarter's Value	% Change Chart from Last Quarter (-) (+)	# Quarters	Quarterly Goal	Achieved Quarterly Goal	YTD [†] Value	Yearly Goal	ΥΊ	⁻ D [†] vs. Goal Chart
Infant Deaths										0
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NHB to NHW Infant Mortality Rate Disparity Ratio	4	3.2	27%	1 🛦	≤1.94*	×	3.0	≤1.94*	Lower	Similar to 1990- Higher 94 baseline
NHB Percentage of Infant Deaths	4	60.0%	23%	1 🛦	≤27%**	×	54.5%	≤27%**	Lower	Similar to NHB Higher Birth Percentage
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Births										
Preterm Birth Percentage	4	10.6% of births	-1%	3 ●	≤8.1% ²	×	10.6%	≤8.1% ²	Better	MoD ² Worse
Low Birth Weight Percentage	4	9.3% of births	9%	1 🛦	≤7.8% ¹	×	9.1%	≤7.8% ¹	Better	HPI Worse

¹Healthy People (HP) 2020 goal. Death number goal(s) based on 6.0 infant deaths per 1,000 live births applied to the average births in Franklin County from 2009-13.

²In 2015, the March of Dimes (MoD) set a goal of lowering the national preterm birth rate to 8.1 percent of all births by 2020.

^{*1990-1994} Infant Mortality Rate Disparity Ratio.

^{**}Based on the average percentage of Non-Hispanic Black births in Franklin County from 2009-2013.

[†]Year-to-date up through the end of the quarter

FREQUENCY AND RATE OF INFANT DEATHS BY RACE AND ETHNICITY, FRANKLIN COUNTY, 2015 - PRESENT

Month		All		Non-H	lispanic	White	Non-	Hispanic I	Black		Hispanic	:	Other/Unknown		
MOHUI	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
January	15	14	11	8	3	2	4	8	8	1	1	1	2	2	0
February	13	18	12	4	7	7	8	10	4	1	1	1	0	0	0
March	12	15	14	5	2	3	3	11	9	1	1	1	3	1	1
1st Quarter Total	40 (8.8)	47 (10.4)	37 (8.3)	17 (6.7)	12 (5.0)	12 (5.0)	15 (11.4)	29 (21.4)	21 (15.9)	3 (9.6)	3 (8.5)	3 (8.8)	5 (12.8)	3 (7.7)	1 (2.5)
April	10	21	7	3	7	2	5	9	3	2	4	0	0	1	2
May	9	14	14	5	2	3	3	10	10	0	1	0	1	1	1
June	15	13	16	5	6	6	8	4	7	1	3	1	1	0	2
2nd Quarter Total	34 (7.3)	48 (10.2)	37 (8.1)	13 (5.1)	15 (5.8)	11 (4.4)	16 (12.2)	23 (17.0)	20 (14.9)	3 (8.3)	8 (22.0)	1 (3.0)	2 (4.4)	2 (5.0)	5 (12.7)
July	10	9	16	2	6	5	7	1	9	0	2	1	1	0	1
August	16	12	17	5	4	5	9	8	7	1	0	1	1	0	4
September	15	10	14	8	4	6	5	4	7	1	1	0	1	1	1
3rd Quarter Total	41 (8.0)	31 (6.1)	47 (9.5)	15 (5.4)	14 (5.2)	16 (6.0)	21 (14.3)	13 (8.6)	23 (15.2)	2 (4.9)	3 (6.8)	2 (5.2)	3 (6.1)	1 (2.3)	6 (16.0)
October	9	10	16	4	4	7	3	6	7	0	0	1	2	0	1
November	10	14	9	4	7	2	4	7	7	0	0	0	2	0	0
December	11	15	10	6	6	2	4	7	7	1	0	1	0	2	0
4th Quarter Total	30 (6.4)	39 (8.4)	35 (7.3)	14 (5.4)	17 (7.0)	11 (4.4)	11 (8.4)	20 (13.9)	21 (14.2)	1 (2.8)	0 (N/A)	2 (5.0)	4 (9.1)	2 (4.8)	1 (2.7)
Yearly Total	145 (7.6)	165 (8.7)	156 (8.3)	59 (5.7)	58 (5.7)	50 (4.9)	63 (11.6)	85 (15.0)	85 (15.0)	9 (6.2)	14 (9.1)	8 (5.5)	14 (7.9)	8 (4.9)	13 (8.5)

Rate per 1,000 live births.

FREQUENCY AND RATE OF NEONATAL INFANT DEATHS BY RACE AND ETHNICITY, FRANKLIN COUNTY, 2015 - PRESENT

Month		All		Non-H	lispanic	White	Non-l	Hispanic I	Black		Hispanio	:	Other/Unknown		
WOTH	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
January	8	12	10	6	3	2	1	6	7	0	1	1	1	2	0
February	11	13	8	4	4	5	6	8	2	1	1	1	0	0	0
March	9	10	8	4	1	2	3	8	4	1	1	1	1	0	1
1st Quarter Total	28 (6.2)	35 (7.7)	26 (5.8)	14 (5.5)	8 (3.3)	9 (3.7)	10 (7.6)	22 (16.2)	13 (9.8)	2 (6.4)	3 (8.5)	3 (8.8)	2 (5.1)	2 (5.1)	1 (2.5)
April	5	19	6	2	5	1	2	9	3	1	4	0	0	1	2
May	5	7	11	3	1	2	2	5	9	0	0	0	0	1	0
June	11	10	10	4	5	6	6	3	3	1	2	0	0	0	1
2nd Quarter Total	21 (4.5)	36 (7.7)	27 (5.9)	9 (3.5)	11 (4.3)	9 (3.6)	10 (7.6)	17 (12.6)	15 (11.2)	2 (5.5)	6 (16.5)	0 (N/A)	0 (N/A)	2 (5.0)	3 (7.6)
July	9	7	15	2	5	5	6	0	9	0	2	1	1	0	0
August	11	9	13	2	3	3	9	6	7	0	0	1	0	0	2
September	10	5	12	5	2	6	4	2	6	1	0	0	0	1	0
3rd Quarter Total	30 (5.8)	21 (4.1)	40 (8.1)	9 (3.2)	10 (3.7)	14 (5.2)	19 (12.9)	8 (5.3)	22 (14.5)	1 (2.5)	2 (4.5)	2 (5.2)	1 (2.0)	1 (2.3)	2 (5.3)
October	3	5	12	1	3	4	2	2	6	0	0	1	0	0	1
November	10	11	6	4	5	1	4	6	5	0	0	0	2	0	0
December	9	12	6	4	4	1_	4	6	5	1	0	0	0	2	0
4th Quarter Total	22 (4.7)	28 (6.0)	24 (5.0)	9 (3.5)	12 (5.0)	6 (2.4)	10 (7.6)	14 (9.7)	16 (10.8)	1 (2.8)	0 (N/A)	1 (2.5)	2 (4.5)	2 (4.8)	1 (2.7)
Yearly Total	101 (5.3)	120 (6.3)	117 (6.2)	41 (3.9)	41 (4.1)	38 (3.8)	49 (9.1)	61 (10.8)	66 (11.7)	6 (4.2)	11 (7.2)	6 (4.1)	5 (2.8)	7 (4.2)	7 (4.6)

Rate per 1,000 live births.

FREQUENCY AND RATE OF POST-NEONATAL INFANT DEATHS BY RACE AND ETHNICITY, FRANKLIN COUNTY, 2015 - PRESENT

Month All				Non-H	ispanic	White	Non-H	ispanic	Black		Hispanio	C	Other/Unknown		
WOTH	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
January	7	2	1	2	0	0	3	2	1	1	0	0	1	0	0
February	2	5	4	0	3	2	2	2	2	0	0	0	0	0	0
March	3	5	6	1	1	1	0	3	5	0	0	0	2	1	0
1st Quarter Total	12 (2.6)	12 (2.7)	11 (2.5)	3 (1.2)	4 (1.7)	3 (1.2)	5 (3.8)	7 (5.2)	8 (6.1)	1 (3.2)	0 (N/A)	0 (N/A)	3 (7.7)	1 (2.6)	0 (N/A)
April	5	2	1	1	2	1	3	0	0	1	0	0	0	0	0
May	4	7	3	2	1	1	1	5	1	0	1	0	1	0	1
June	4	3	6	1	1	0	2	1	4	0	1	1	1	0	1
2nd Quarter Total	13 (2.8)	12 (2.6)	10 (2.2)	4 (1.6)	4 (1.6)	2 (0.8)	6 (4.6)	6 (4.4)	5 (3.7)	1 (2.8)	2 (5.5)	1 (3.0)	2 (4.4)	0 (N/A)	2 (5.1)
July	1	2	1	0	1	0	1	1	0	0	0	0	0	0	1
August	5	3	4	3	1	2	0	2	0	1	0	0	1	0	2
September	5	5	2	3	2	0	1	2	1	0	1	0	1	0	1
3rd Quarter Total	11 (2.1)	10 (2.0)	7 (1.4)	6 (2.2)	4 (1.5)	2 (0.7)	2 (1.4)	5 (3.3)	1 (0.7)	1 (2.5)	1 (2.3)	0 (N/A)	2 (4.1)	0 (N/A)	4 (10.7)
October	6	5	4	3	1	3	1	4	1	0	0	0	2	0	0
November	0	3	3	0	2	1	0	1	2	0	0	0	0	0	0
December	2	3	4	2	2	1_	0	1_	2	0	0	1	0	0	0
4th Quarter Total	8 (1.7)	11 (2.4)	11 (2.3)	5 (1.9)	5 (2.1)	5 (2.0)	1 (0.8)	6 (4.2)	5 (3.4)	0 (N/A)	0 (N/A)	1 (2.5)	2 (4.5)	0 (N/A)	0 (N/A)
Yearly Total	44 (2.3)	45 (2.4)	39 (2.1)	18 (1.7)	17 (1.7)	12 (1.2)	14 (2.6)	24 (4.2)	19 (3.4)	3 (2.1)	3 (2.0)	2 (1.4)	9 (5.1)	1 (0.6)	6 (3.9)

Rate per 1,000 live births.

FREQUENCY OF BIRTHS BY RACE AND ETHNICITY, FRANKLIN COUNTY, 2015 - PRESENT

Month		All		Non-H	ispanic V	Vhite	Non-Hi	spanic E	Black	Н	lispanic		Othe	r/Unkno	wn
MOHUI	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
January	1,515	1,504	1,522	824	762	810	456	495	458	108	124	124	127	123	130
February	1,433	1,507	1,372	787	836	729	430	429	412	95	112	113	121	130	118
March	1,597	1,506	1,588	915	819	883	430	433	452	109	116	103	143	138	150
1st Quarter Total	4,545	4,517	4,482	2,526	2,417	2,422	1,316	1,357	1,322	312	352	340	391	391	398
April	1,478	1,520	1,465	802	849	814	397	426	431	118	109	102	161	136	118
May	1,565	1,546	1,576	864	825	847	436	467	457	116	128	117	149	126	155
June	1,619	1,622	1,531	872	903	840	478	458	452	127	126	118	142	135	121
2nd Quarter Total	4,662	4,688	4,572	2,538	2,577	2,501	1,311	1,351	1,340	361	363	337	452	397	394
July	1,762	1,674	1,629	936	865	875	510	524	496	137	131	130	179	154	128
August	1,713	1,723	1,706	942	954	945	475	476	510	141	160	129	155	133	122
September	1,672	1,698	1,632	905	880	869	484	515	512	128	149	126	155	154	125
3rd Quarter Total	5,147	5,095	4,967	2,783	2,699	2,689	1,469	1,515	1,518	406	440	385	489	441	375
October	1,592	1,539	1,599	916	831	855	414	453	485	121	115	143	141	140	116
November	1,483	1,556	1,568	811	820	822	425	467	490	104	135	121	143	134	135
December	1,635	1,560	1,595	866	766	836	474	523	507	138	126	135	157	145	117
4th Quarter Total	4,710	4,655	4,762	2,593	2,417	2,513	1,313	1,443	1,482	363	376	399	441	419	368
Yearly Total	19,064	18,955	18,783	10,440	10,110	10,125	5,409	5,666	5,662	1,442	1,531	1,461	1,773	1,648	1,535

FREQUENCY AND PERCENTAGE OF LOW BIRTH WEIGHT BIRTHS BY RACE AND ETHNICITY, FRANKLIN COUNTY, 2015 - PRESENT

Month		All		Non-F	lispanic \	White	Non-l	Hispanic I	Black		Hispanic		Other/Unknown			
WIOTHI	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	
January	153	153	150	79	66	64	56	61	63	6	13	8	12	13	15	
February	124	148	156	51	64	80	52	56	44	7	14	13	14	14	19	
March	132	144	137	58	72	56	54	49	51	10	4	9	10	19	21	
1st Quarter	409	445	443	188	202	200	162	166	158	23	31	30	36	46	55	
Total	(9.0%)	(9.9%)	(9.9%)	(7.5%)	(8.4%)	(8.3%)	(12.3%)	(12.3%)	(12.0%)	(7.4%)	(8.8%)	(8.8%)	(9.3%)	(11.8%)	(13.9%)	
April	130	131	139	61	54	54	45	56	59	5	8	9	19	13	17	
May	147	132	119	77	56	57	48	58	49	5	11	6	17	7	7	
June	151	142	146	61	68	54	60	55	74	15	10	9	15	9	9	
2nd Quarter	428	405	404	199	178	165	153	169	182	25	29	24	51	29	33	
Total	(9.2%)	(8.7%)	(8.8%)	(7.9%)	(6.9%)	(6.6%)	(11.7%)	(12.5%)	(13.6%)	(6.9%)	(8.0%)	(7.1%)	(11.3%)	(7.3%)	(8.4%)	
July	145	178	160	57	83	77	62	73	58	9	6	7	17	16	18	
August	147	147	128	76	77	55	46	53	51	9	8	10	16	9	12	
September	148	165	136	62	73	55	63	67	60	8	9	9	15	16	12	
3rd Quarter	440	490	424	195	233	187	171	193	169	26	23	26	48	41	42	
Total	(8.6%)	(9.6%)	(8.5%)	(7.0%)	(8.6%)	(7.0%)	(11.7%)	(12.8%)	(11.2%)	(6.4%)	(5.2%)	(6.8%)	(9.8%)	(9.3%)	(11.2%)	
October	143	127	176	80	54	88	47	50	65	6	7	15	10	16	8	
November	129	143	122	66	46	49	46	66	44	4	12	13	13	19	16	
December	150	147	145	76	61	63	49	64	66	11	14	6	14	8	10	
4th Quarter	422	417	443	222	161	200	142	180	175	21	33	34	37	43	34	
Total	(9.0%)	(9.0%)	(9.3%)	(8.6%)	(6.7%)	(8.0%)	(10.8%)	(12.5%)	(11.8%)	(5.8%)	(8.8%)	(8.5%)	(8.5%)	(10.3%)	(9.2%)	
Voorly Total	1,699	1,757	1,714	804	774	752	628	708	684	95	116	114	172	159	164	
Yearly Total	(8.9%)	(9.3%)	(9.1%)	(7.7%)	(7.7%)	(7.4%)	(11.6%)	(12.5%)	(12.1%)	(6.6%)	(7.6%)	(7.8%)	(9.7%)	(9.7%)	(10.7%)	

Percentages are calculated excluding birth records with missing birth weight information.

FREQUENCY AND PERCENTAGE OF PRETERM BIRTHS BY RACE AND ETHNICITY, FRANKLIN COUNTY, 2015 - PRESENT

Month		All		Non-l	lispanic V	Vhite	Non-l	Hispanic E	Black		Hispanic		Other/Unknown			
Month	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	
January	155	173	166	87	86	82	49	63	60	9	14	12	10	10	12	
February	145	177	147	76	92	84	47	58	35	10	16	16	12	11	12	
March	166	176	153	82	94	82	58	60	44	14	6	9	12	16	18	
1st Quarter	466	526	466	245	272	248	154	181	139	33	36	37	34	37	42	
Total	(10.3%)	(11.7%)	(10.4%)	(9.7%)	(11.3%)	(10.3%)	(11.7%)	(13.4%)	(10.5%)	(10.6%)	(10.2%)	(10.9%)	(8.7%)	(9.5%)	(10.6%)	
April	156	155	161	72	63	73	53	62	63	14	15	13	17	15	12	
May	169	165	158	101	82	83	46	61	57	9	12	9	13	10	9	
June	183	176	166	88	92	70	68	60	77	17	10	8	10	14	11	
2nd Quarter	508	496	485	261	237	226	167	183	197	40	37	30	40	39	32	
Total	(10.9%)	(10.6%)	(10.6%)	(10.3%)	(9.2%)	(9.0%)	(12.8%)	(13.6%)	(14.7%)	(11.1%)	(10.2%)	(8.9%)	(8.8%)	(9.9%)	(8.1%)	
July	187	199	189	84	99	95	71	73	66	14	10	13	18	17	15	
August	183	170	159	101	96	85	51	51	56	13	15	8	18	8	10	
September	166	176	184	82	91	82	59	59	76	14	12	18	11	14	8	
3rd Quarter	536	545	532	267	286	262	181	183	198	41	37	39	47	39	33	
Total	(10.4%)	(10.7%)	(10.7%)	(9.6%)	(10.6%)	(9.7%)	(12.4%)	(12.1%)	(13.1%)	(10.1%)	(8.4%)	(10.1%)	(9.6%)	(8.8%)	(8.8%)	
October	163	147	176	89	68	91	52	57	61	12	7	14	10	15	10	
November	170	150	147	93	58	65	54	57	55	8	22	16	15	13	11	
December	182	167	181	87	74	80	60	68	81	17	15	11	18	10	9	
4th Quarter	515	464	504	269	200	236	166	182	197	37	44	41	43	38	30	
Total	(10.9%)	(10.0%)	(10.6%)	(10.4%)	(8.3%)	(9.4%)	(12.7%)	(12.6%)	(13.3%)	(10.2%)	(11.7%)	(10.3%)	(9.8%)	(9.1%)	(8.2%)	
Yearly Total	2,025	2,031	1,987	1,042	995	972	668	729	731	151	154	147	164	153	137	
learly Iolai	(10.6%)	(10.7%)	(10.6%)	(10.0%)	(9.8%)	(9.6%)	(12.4%)	(12.9%)	(12.9%)	(10.5%)	(10.1%)	(10.1%)	(9.2%)	(9.3%)	(8.9%)	

Percentages are calculated excluding birth records with missing gestational age information.